Description			Specifications
CRT	Configuration and useful screen		6-inch rectangular screen with internal graticule :8X10 Div (1 div=1Cm). marking for measurement of rise time 2mm subdivisions along the central axis.
	Acceleration potential		+1.9KV apporx.(ref. cathode)
	Phosphor		P43
	Focussing		Possible
	Trace rotation		provided
	Intensity control		provided
Z-AXIS INPUT (INTENSITY MODULATION)	Input signal		Positive going signal decreases intensity +5Vp-p or more signal cases noticeable modulation at normal intensity settings.
	Band-width		DC to 2MHz(-3dB)
	Coupling		DC
	Input impedance		20kΩ-30kΩ typical
	Maximum input voltage		30V(DC+peak AC)
VERTICAL DEFLECTION	Band Width(-3dB)	DC coupled	DC to 20MHz normal / DC to 10MHz magnified(CH1 only)
		AC coupled	10Hz to 20MHz normal / 10Hz to 10MHz magnified(CH1 only)
	Modes		CH1,CH2,ADD,DUAL(CHOP; Time/div switch -0.2s to 1mS, ALT ; Time/div switch -0.5mS to 0.2µS)
	Deflection Factor		5mV/div to 5V/div in 10 calibrated steps of a 1-2-5 sequence. Continously variable between steps at least 1:2.5 x5 MAG ; 1mV/div to 1V/div in 10 calibrated steps. (CH1 only) 50mv/div to 50V/div(with 10:1 Probe used)
	Accuracy		normal ; ±3%, magnified:±5% (CH1 only)
	Input impedance		approx. 1MΩ in parallel with 30pF
	Maximum input voltage		Direct;250V(DC+peak AC), with probe; refer to probe specification
	Input coupling		DC - GND - AC
	Rise time		17.5nS or less(35nS or less; x5 MAG)
	CH1 out		25mV/div into 50Ω ; DC to 10MHz(-3dB)
	Polarity invertion		CH2 only
HORIZONTAL DEFECTION	Display modes		NORM , X-Y, x10, VARIABLE
	Time base		0.2us/div to 0.2S/div in 19 calibrated steps, 1-2-5 sequence. uncalibrated continuous control between steps at least 1:2.5
	Sweep magnification		10 times (maximum sweep rate ; 20nS/div)

<table>
<tr><td></td><td colspan="2">Accuracy</td><td>±3%, ±5% (0&degC to 40&degC), additional error for magnifier ±2%
Note ; 50nS/div, 20nS/div (±10%)</td></tr>
<tr><td rowspan="6">TRIGGER SYSTEM</td><td colspan="2">Modes</td><td>auto, norm, TV-V, TV-H</td></tr>
<tr><td colspan="2">Source</td><td>VERT, CH1, LINE, EXT</td></tr>
<tr><td colspan="2">Coupling</td><td>AC</td></tr>
<tr><td colspan="2">Slope</td><td>+ or -</td></tr>
<tr><td rowspan="2">Sensitivity and Frequency</td><td>AUTO, NORM</td><td><table><tr><td></td><td>20Hz-2MHz(VERT)</td><td>20Hz-20MHz (VERT)</td></tr><tr><td>INT</td><td>0.5 div (2 div)</td><td>1.5 div (3 div)</td></tr><tr><td>EXT</td><td>0.2 Vp-p</td><td></td></tr><tr><td>0.6Vp-p</td><td></td><td></td></tr></table></td></tr>
<tr><td>TV-V, TV-H</td><td>at least 1div or 1.0Vp-p</td></tr>
<tr><td colspan="2">External trigger input impedance</td><td>1MΩ ±10%</td></tr>
<tr><td colspan="2">Max. input voltage</td><td>250V (DC + peak AC)</td></tr>
<tr><td rowspan="3">X-Y OPERATION</td><td colspan="2">X-axis</td><td>(same as CH1 except for the following)
Deflection factor ; same as that of CH1 / Accuracy ; ±5% /
Frequency response ; DC to 500KHz (-3dB)</td></tr>
<tr><td colspan="2">Y-axis</td><td>same as CH2</td></tr>
<tr><td colspan="2">X-Y phase difference</td><td>3° or less (at DC to 50KHz)</td></tr>
<tr><td>CALIBRATOR</td><td colspan="2">Probe Adjustment</td><td>approx. 1KHz frequency (±20%),
0.5V(±10%)square wave duty ratio ; 40-50%</td></tr>
<tr><td rowspan="3">POWER SUPPLY</td><td colspan="2">Voltage Range</td><td><table><tr><td>voltage range</td><td>fuse(250V)</td></tr><tr><td>115(98-125V)</td><td>125V 1A</td></tr><tr><td>230(198-250V)</td><td>250V 0.5V</td></tr></table></td></tr>
<tr><td colspan="2">Frequency</td><td>50 Hz / 60 Hz</td></tr>
<tr><td colspan="2">Power consumption</td><td>Approx. 42w</td></tr>
<tr><td rowspan="2">PHYSICAL CHARACTERISTIC</td><td colspan="2">Dimension</td><td>316mm (W) X 143mm (H) x 406mm (L)</td></tr>
<tr><td colspan="2">Weight</td><td>7.8Kg</td></tr>
<tr><td rowspan="4">ENVIRONMENTAL</td><td colspan="2" rowspan="3">Temperature</td><td>Temperature range for rated operation : +10&degC to +35&degC(+50&degF to 95&degF)</td></tr>
<tr><td>Max. ambient operation temperature : &degC to +40&degC(+32&degF to +104&degF)</td></tr>
<tr><td>MAX. storage temperature : -20&degC to +70&degC(-4&degF to +158&degF)</td></tr>
<tr><td colspan="2" rowspan="2">Humidity</td><td>Humidity range for rated operation: 45% to 85% RH</td></tr>
<tr><td>Max. ambient operating humidity : 35% to 85% RH</td></tr>
<tr><td rowspan="2">SAFETY&EMC</td><td colspan="2">SAFETY</td><td>UL-1244, CSA-C22.2, IEC-1010-1</td></tr>
<tr><td colspan="2">EMC</td><td>UEC-801-2.3.4.5</td></tr>
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